

IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

Serial No. : 10/790,931

Applicants : Takemori TAKAYAMA et al.

Filed : March 1, 2004

For : ROLLING ELEMENT AND METHOD  
OF PRODUCING THE SAME

Art Unit : 1742

Examiner : Deborah YEE

Docket No. : 04005/HG

Confirm. No.: 3234

Customer No.: 01933

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

MAIL STOP AMENDMENT

S I R :

Submitted herewith are copies of the foreign patent documents identified on the attached IDS Forms.

The documents cited on the attached IDS Forms were cited in related compending application Serial No. 10/391,732.

The U.S. patent documents identified on the attached IDS Forms are not enclosed herewith, since the USPTO waived the requirement to file copies of U.S. patents and U.S. patent application publications for U.S. applications filed after June 30, 2003. See the USPTO Notice dated July 11, 2003.

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In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by Form PTO-2038 attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper to Account No. 06-1378.

RE 28,523, USP 5,131,965 and USP 4,162,157 were cited on the Form PTO-892 that was attached to the January 12, 2005 office Action in application Serial No. 10/391,732.

JP 9-111403, JP 8-109435, JP 2002-121645 and JP 8-109435 were cited on the Form PTO-892 that was attached to the June 6, 2005 Office Action in application Serial No. 10/391,732.

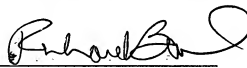
The ASM Metals Handbook publication was cited in the Form PTO-892 that was attached to the June 6, 2006 Office Action in application Serial No. 10/391,732.

A Form PTO-2038 in the amount of \$180 is enclosed herewith.

It is respectfully requested that the Examiner return initialed copies of the attached IDS Forms to confirm that the documents listed therein have been considered and made of record.

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Respectfully submitted,



Richard S. Barth  
Reg. No. 28,180

Encs.: (1) IDS Forms  
(2) copies of non-U.S. patent documents cited  
on the attached IDS Forms  
(3) Form PTO-2038

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>IDS FORM</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/790,931
				Filing Date	March 1, 2004
				First Named Inventor	Takemori TAKAYAMA
				Group Art Unit	1742
				Examiner Name	Deborah YEE
Sheet	1	of	4	Attorney Docket Number	04005/HG

## U.S. PATENT DOCUMENTS

Exam. Inits*	Cite No <sup>2</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
/D.Y./ ↓		2006/0021679	A1	TAKAYAMA	02-02-2006	
		6,899,774	B2	KOMATSU LTD	05-31-2005	
		RE 28,523		REPUBLIC STEEL CORPORATION	08-19-1975	
		5,131,965	A	CATERPILLAR INC	07-21-1992	
		4,162,157		USA/DEPT OF ENERGY	07-24-1979	

## FOREIGN PATENT DOCUMENTS

Exam Inits*	Cite No <sup>2</sup>	Office <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
/D.Y./ ↓		JP.	49-7117	A	MITSUBISHI STEEL MFG CO LTD	01-22-1974		a
		JP	54-10923	B2	NIPPON STEEL CORP	05-10-1979		a
		JP	54-23329	B2	KOMATSU LTD	08-13-1979		a
		JP	55-12184	B2	TOYOTA MOTOR CORP et al	03-31-1980		a
		JP	57-10177	B2	TOPY INDUSTRIES LTD	02-25-1982		a
		JP	57-16186	B2	KAWASAKI HEAVY IND LTD	03-08-1977		b
		JP	57-19183	B2	NIPPON STEEL CORP	03-23-1978		b
		JP	55-2789	A	KOMATSU LTD	01-10-1980		b

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<sup>2</sup> Unique citation designation number. <sup>3</sup> See kinds of U.S. Patent Documents. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Place a check here if English translation is attached.

DATE: August 30, 2007

a ENGLISH-LANGUAGE TRANSLATION OF TITLE PAGE ONLY ENCLOSED; b ENGLISH-LANGUAGE ABSTRACT ENCLOSED

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/D.Y./			JP 57-89424	A	SUMITOMO METAL IND LTD	06-03-1982		a
			JP 57-174434	A	KOMATSU LTD	10-27-1982		a
			JP 59-107066	A	MITSUBISHI HEAVY IND LTD	06-21-1984		a
			JP 59-136451	A	MITSUBISHI HEAVY IND LTD	08-06-1984		a
			JP 5-32462	B2	NIPPON STEEL CORP	07-07-1989		a
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/D.Y./			JP 2002-121645		NKK BARS & SHAPES CO LTD	04-26-2002		a
			JP 60-215743		SUMITOMO METAL INDUSTRIES CO LTD	10-29-1985		a
			JP 05-078781		SUMITOMO METAL IND LTD et al	03-30-1993		a
			JP 9-111403		TOA STEEL CO LTD	04-28-1997		a
			JP 8-109435		TOA STEEL CO LTD	04-30-1996		a
			JP 48-23617	A	KOMATSU LTD	03-27-1973		

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OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS											
Examiner Initials <sup>1</sup>		Cite No. <sup>2</sup>		Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published						T <sup>3</sup>	
/D.Y./				J.R. DAVIS, "ASM METALS HANDBOOK", Second Edition, (1998)							
Examiner Signature		/Deborah Yee/				Date Considered		06/03/2008			

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